Leptin (LEP) Recombinant Protein | LEP recombinant protein

Recombinant Leptin (LEP)

CATALOG #	HOST	APPLICATIONS
AAA152214	**E Coli**	**Western Blot, SDS-Page**

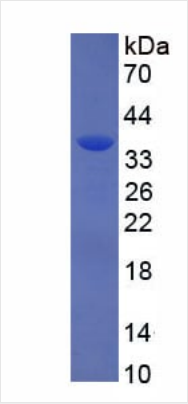
PRODUCT SYNONYMS

Leptin (LEP); Recombinant Leptin (LEP); LEP/Leptin; OB; OBS; Obesity Homolog; Obesity Factor; Obese Protein; LEP recombinant protein

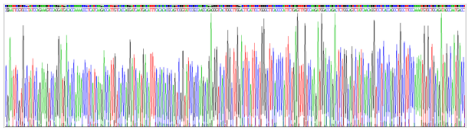
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Val22~Cys1 67
Applicable Applications for LEP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	5.1
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



SDS-PAGE
SDS-PAGE



Gene Sequence
Gene Sequencing (extract

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                        VPIQKVQDD TKTLIKTIVT RINDISHTQS
VSAKQRVTGL DFIPGLHPIL SLSKMDQTLA VYQQVLTSLP SQNVLQIAND
LENLRDLLHL LAFSKSCSLP QTSGLQKPES LDGVLEASLY STEVVALSRL
QGSLQDILQQ LDVSPEC
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for LEP recombinant protein	Metabolic pathway; Endocrinology; Cardiovascular biology; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678678
NCBI GeneID	16846
NCBI Accession #	NP_032519.1
NCBI GenBank Nucleotide #	NM_008493.3
UniProt Accession #	P41160
Molecular Weight	18,709 Da
NCBI Official Full Name	leptin
NCBI Official Synonym Full Names	leptin
NCBI Official Symbol	Lep
NCBI Official Synonym Symbols	ob; obese
NCBI Protein Information	leptin; obesity factor
UniProt Protein Name	Leptin
UniProt Gene Name	**Lep**
UniProt Synonym Gene Names	Ob
UniProt Entry Name	LEP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/lep-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152214